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मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

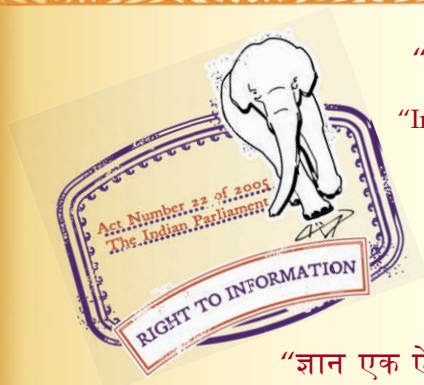
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

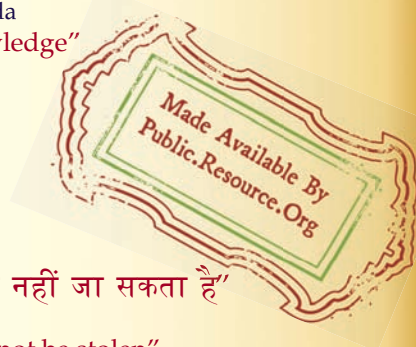
IS 4586-1-5 (1987): Dimensions of Spindles and Mounting Arrangements for Spindle Operated Electronic Components, Part 1: Spindles, Section 5: Hollow Spindles [LITD 3: Electromechanical Components and Mechanical Structures for Electronic Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

(Reaffirmed 1998)

DIMENSIONS OF SPINDLES AND MOUNTING ARRANGEMENTS FOR SPINDLE OPERATED ELECTRONIC COMPONENTS

PART 1 SPINDLES

Section 5 Hollow Spindles

(Second Revision)

0. General — This standard (Part 1/Sec 5) shall be read in conjunction with IS : 4586 (Part 1/Sec 1)-1987 'Dimensions of spindles and mounting arrangements for spindle operated electronic components: Part 1 Spindles, Section 1 General and definitions (*second revision*)'.

1. Scope — Covers dimensions of hollow spindles.

2. Dimensions — See Table 1.

Adopted 10 August 1987

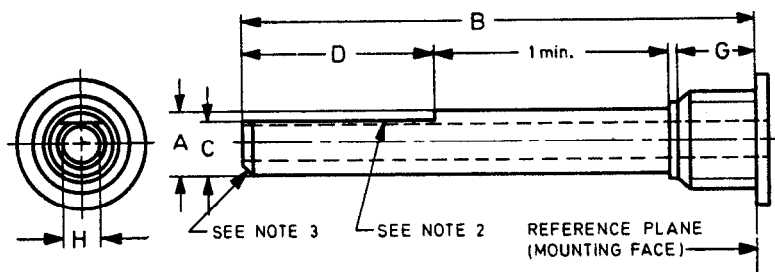
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TABLE 1 DIMENSIONS OF HOLLOW SPINDLES

All dimensions in millimetres.



Dimensions A h 11* (See Note 4)	Dimension B (See Notes 1 & 5)	Dimension C (See Note 3)	Dimension D (See Note 3)	Dimension G Min (See Note 6)	Dimension H
	10 ± 0.5 16 ± 0.5 20 ± 0.5 32 ± 0.5 34.5 ± 0.5 40 ± 1 50 ± 1 63 ± 1 80 ± 1				
$4 \begin{smallmatrix} +0 \\ -0.075 \end{smallmatrix}$		Not applicable		No Bush	$2.1 \begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$
$6 \begin{smallmatrix} +0 \\ -0.075 \end{smallmatrix}$		Not applicable		4	$4.1 \begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$
$6 \begin{smallmatrix} +0 \\ -0.075 \end{smallmatrix}$		$5.3 \begin{smallmatrix} +0 \\ -0.2 \end{smallmatrix}$	From 4 in increments of 2, Tolerance ± 0.5	5	$3.1 \begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$
$6.35 \begin{smallmatrix} +0 \\ -0.08 \end{smallmatrix}$		$5.5 \begin{smallmatrix} +0.05 \\ -0.0 \end{smallmatrix}$		6.35, 9.5	$2.2 \pm 0.05 / 3.4 \pm 0.05$
$8 \begin{smallmatrix} +0 \\ -0.09 \end{smallmatrix}$		$7 \begin{smallmatrix} +0 \\ -0.2 \end{smallmatrix}$		7	$4.1 \begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$
$10 \begin{smallmatrix} +0 \\ -0.09 \end{smallmatrix}$		$9 \begin{smallmatrix} +0 \\ -0.2 \end{smallmatrix}$		10	$6.1 \begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$

Note 1 — If intermediate values are required, they should preferably be chosen from the R20 series (mm) [See IS : 1076-1967 'Preferred numbers (first revision)'].

Note 2 — Dimensions C and D are applicable only when a flat is required.

Note 3 — Chamber at 40°/50° or a radius for a depth of 5 to 10 percent of dimension A.

Note 4 — The underlined dimensions are preferred diameters.

Note 5 — Values for dimension B are chosen from R20 series (mm) [see IS : 1076-1967 'Preferred number (first revision)'].

Note 6 — Fixing of bush may be done by pressing a C-washer in the groove cut in the spindle to a depth of 1 to 1.5 mm.

Note 7 — Dimensions apply to spindles after suitable finish.

*IS : 919 (Part 1)-1963 'Recommendations for limits and fits for engineering: Part 1 General engineering (first revision)'.